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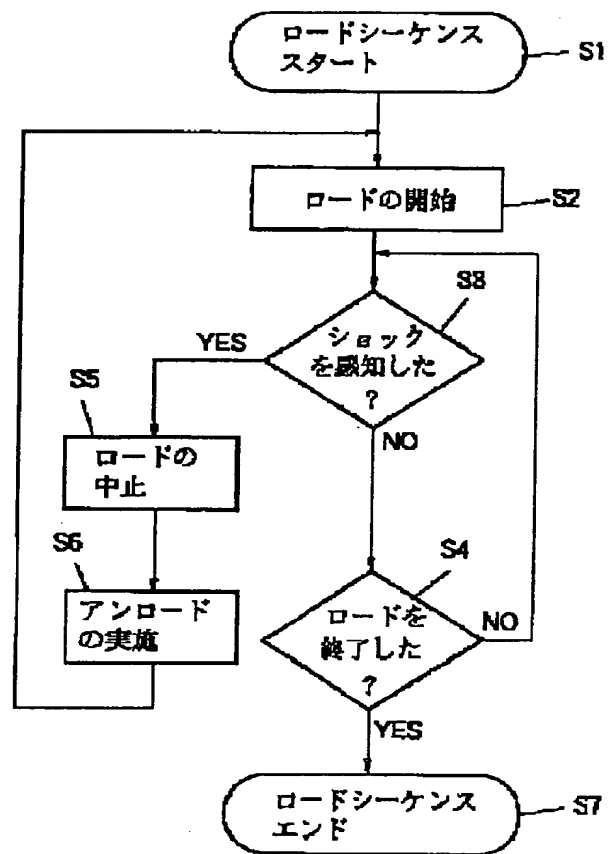
APPLICATION NUMBER : 09167296

APPLICANT : INTERNATL BUSINESS MACH CORP
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TITLE : HEAD MECHANISM CONTROLLER
AND SIGNAL SUPPLY CONTROL
DEVICE AND DISK DRIVE DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To prevent a head slider from accidentally landing.

SOLUTION: The head slider provided with a transducer head is mounted on a head arm of the head mechanism and loaded on a disk by the turning of the head arm and also unloaded to the retreating position out of the disk from on the disk. A shock sensor is provided for sensing the shock received by the head mechanism from the outside. The loading operation of the head slider is started at a step S2, and when the shock is sensed at a step S3 during the loading operation, the loading is stopped at a step S5 and the unloading is carried out at a step S6 to return the head slider to the retreating position. When the unloading operation at the step S6 is finished, the head slider is returned to the step S2 and the reloading is started.

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